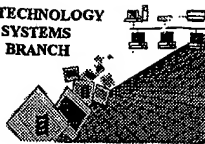


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/831,253C

Source: 1620

Date Processed by STIC: 10/7/2003

RECEIVED

OCT 21 2003

TECH CENTER 10022000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS.

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/efb/efs/downloads/documents.htm>), EFS Submission User Manual (ePAVE)

2. U.S. Postal Service, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Hand Carried only to (EFFECTIVE 12/01/2003):

3. U.S. Patent and Trademark Office, Box Sequence, Customer Window Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/2003

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

09/831,283C

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Amino The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 ✓ Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 ✓ Skipped Sequences
 (NEW RULES) Sequence(s) 66 missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 00901/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,253C

DATE: 10/07/2003
TIME: 10:20:47

Input Set : A:\0134469 sequence listing .txt
Output Set : N:\CRF4\10072003\I831253C.raw

Suggestion: PLEASE consult sequence rules for VALID
Does Not Comply
Corrected Diskette

1 <110> APPLICANT: EZQUERRO SAENZ, Ignacio Jose
2 LASARTE SAGASTIBELZA, Juan Jose
3 PRIETO VALTUEYA, Jesus
4 BORRAS CUESTA, Francisco
6 <120> TITLE OF INVENTION: TGFbb1-inhibitor peptides
8 <130> FILE REFERENCE: U-013446-9
10 <140> CURRENT APPLICATION NUMBER: 09/831,253C
11 <141> CURRENT FILING DATE: 2001-06-27
13 <150> PRIOR APPLICATION NUMBER: PCT/ES99/00375
14 <151> PRIOR FILING DATE: 1999-11-23
16 <150> PRIOR APPLICATION NUMBER: P9802465
17 <151> PRIOR FILING DATE: 1998-11-24
E--> 19 <160> NUMBER OF SEQ ID NOS: 1607 179

IMPORTANT: see p.3
(total number of sequences is 178)
↓ submitted

file showed >1607/179. Please correct.

ERRORED SEQUENCES

do NOT use alphabetical headings
In new sequence rules format. CRF software inserts alphabetical headings.

E--> 22 <210> SEQ ID NO: ~~SEQ ID NO: 1~~
23 <211> LENGTH: 15
E--> 24 <212> TYPE: ~~Peptide~~ PRT
25 <213> ORGANISM: Artificial sequence
W--> 26 <220> FEATURE: Domain
W--> 26 <220> FEATURE: Domain
W--> 27 <223> OTHER INFORMATION: Derived from human TGFbb1 position 319-333
W--> 28 <400> SEQUENCE: His Ala Asn Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu
29 4407 1 5 16 10 16 15
E--> 32 <210> SEQ ID NO: ~~SEQ ID NO: 2~~
33 <211> LENGTH: 14
E--> 34 <212> TYPE: ~~Peptide~~ PRT
35 <213> ORGANISM: Artificial sequence
W--> 36 <220> FEATURE: Domain
W--> 36 <220> FEATURE: Domain
37 <223> OTHER INFORMATION: Derived from human TGFbb1 position 322-335
W--> 38 <400> SEQUENCE: Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr
39 4407 2 5 5 16 10
E--> 43 <210> SEQ ID NO: ~~SEQ ID NO: 3~~
44 <211> LENGTH: 12
E--> 45 <212> TYPE: ~~Peptide~~
46 <213> ORGANISM: Artificial sequence
W--> 47 <220> FEATURE: Domain
W--> 47 <220> FEATURE: Domain
48 <223> OTHER INFORMATION: Derived from rat TGFbb1 type III receptor position 731-742
W--> 49 <400> SEQUENCE: Thr Ser Leu Asp Ala Thr Met Ile Trp Thr Met Met
4407 3 5 10

do not insert this on 4407 line.
Move this under 4407 line.

DATE: 10/07/2003

TIME: 10:20:47

Output Set: N:\CRF4\10072003\I831253C.raw

same now

unvald response.
See item 10 on Enrol
Summary Sheet

same

same
tide from human TG

same
pig endoglin

10
Jane

09/83/253 3

<210> SEQ ID NO: 132

<211> 15

<212> Peptide

<213> Synthetic peptide from rat TGBb1 type III receptor

<220> Domain: 350-364

<223> ~~Description/Posicion~~

<400> Val Ala Asn Arg Phe His Leu Arg Leu Glu Asn Asn Glu Glu Met

5

10

15

same error

delete

09/83/ 253C 4

<210> SEQ ID NO: 165
<211> 12
<212> Peptide
<213> Synthetic peptide from human alpha 2 microglobulin
<220> Domain: 554-565
<400> Asp Ser Ala Lys Tyr Asp Val Glu Asn Cys Leu Ala

same error

sequence 166 missing. If intentionally skipped, please use format shown in item 8 of Error summary sheet

<210> SEQ ID NO: 167

The types of errors shown exist throughout the Sequence Listing. Please check all sequences for similar errors.

Every sequence in submitted file is errored.

Please consult sample Sequence Listing (attached)

<110> Smith, John; Smithgene Inc.

<120> Example of a Sequence Listing

<130> 01-00001

<140> PCT/EP98/00001
<141> 1998-12-31

<150> US 08/999,999
<151> 1997-10-15

<160> 6

<170> Patentin version 2.0

<210> 1
<211> 389
<212> DNA
<213> Paramecium sp.

<220> CDS
<221> (279)...(389)
<222>

<300> Doc. Richard
<301> Isolation and Characterization of a Gene Encoding a
<302> Protease from Paramecium sp.
Journal of Gènes

<303> 1
<304> 4
<305> 1-7
<306> 1988-06-31
<307> 123456
<308> 1988-06-31
<309>

<400> 1
agctgtagtc attctctgtc cctctctctc ctgggtctct cccctctgta atcagatctc 60
agggagagtg tcttgacctt cctctgctct tgcagcttca caggcaggcc ggcaggcagc 120
tgaatgagca atcctctgga gtccacagc cttctcagcc aggtctaggg tgggtctccg 180
cgcggtcagg cggccctctt cgcgtctctc tcgcgtctct ctctcgtctt cctctcgtct 240

Consult the

Appendix 3, page 2.

```

ggacctgatt aggtgaacag gaggaagggg cagttgac atg gtt tca atg ttc agc 296
Met Val Ser Met Phe Ser

ttg tct ttc aaa tgg cct gga ttt tgt ttg ttt gtt tgt ttg ttc caa 344
Leu Ser Phe Lys Trp Pro Gly Phe Cys Leu Phe Val Cys Leu Phe Gln

tgt ccc aaa gtc ctc ccc tgt cac tca tca ctg cag ccg aat ctt 389
Cys Pro Lys Val Leu Pro Cys His Ser Ser Leu Gln Pro Asn Leu

<210> 2
<211> 37
<212> PRT
<213> Paramocium sp.

<400> 2
Met Val Ser Met Phe Ser Leu Ser Phe Lys Trp Pro Gly Phe Cys Leu
1 5 10 15

Phe Val Cys Leu Phe Gln Cys Pro Lys Val Leu Pro Cys His Ser Ser
20 25 30

Leu Gln Pro Asn Leu
35

<210> 3
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> Designed peptide based on size and polarity to act as a
linker between the alpha and beta chains of Protein XYZ.

<400> 3
Met Val Asn Leu Glu Pro Met His Thr Glu Ile
1 5 10

<210> 4
<400> 4
000

```

[Annex VIII follows]